

CLAIMS

1. A mobile comprising:

an elastic spine having a length extending between a first spine end and a second spine end,

a plurality of ribs spaced apart along the length of the spine, each rib having a long dimension extending between a first rib end and a second rib end where each rib is attached to the spine between the first rib end and the second rib end,

a motor connected to the spine at the first spine end for rotating the spine and the attached ribs to cause the ribs to torque the spine and cause patterns to propagate along the length of the spine.

2. The mobile of claim 1 having a weight attached at the second spine end.

3. The mobile of claim 1 wherein said motor functions to turn ON and OFF with a motor sequence.

4. The mobile of claim 3 wherein said motor sequence is ON for a period that allows the mobile to reach a steady-state.

5. The mobile of claim 3 wherein said motor sequence is not ON long enough for the mobile to reach a steady-state.

6. The mobile of claim 3 wherein said motor sequence is ON and OFF intermittently for periods that are correlated to the natural steady-state cycle from ON to OFF of the mobile.

7. The mobile of claim 1 wherein the spine is made from neoprene.

8. The mobile of claim 1 wherein clips are used to hold the ribs onto the spine.

9. The mobile of claim 1 wherein each the rib has a first rib weight on a first side of the spine having the first rib end and a second rib weight on a second side of the spine having the second rib end.
- 5 10. The mobile of claim 9 wherein the first rib weight and the second rib weight weigh the same and are symmetrically mounted on opposite sides of the spine.
11. The mobile of claim 9 wherein the first rib weight and the second rib weight do not weigh the same and are asymmetrically mounted on opposite sides of the spine to compensate for the
10 different weights.
12. The mobile of claim 1 wherein the motor is located at the bottom and the spine extends upwards and is held vertical by a rotating member.
- 15 13. The mobile of claim 1 including means for disturbing the rotation of a rib to cause perturbations in the propagation along the spine.
14. The mobile of claim 1 wherein the mobile cycles through helix patterns having one or more nodes.